Claypaky’s Axcor Profile 900: the apex of LED Spot performance

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Claypaky Axcor Profile 900, the first Claypaky spotlight to use LED light source in place of the customary discharge lamp.

Italy – The Claypaky Axcor Profile 900 is the most advanced LED profile spot on the market. It utilises the very finest components throughout, from its color system to its pin-sharp optics and the high precision micro-mechanics of its beam-shaping system. Its powerful and highly efficient **880W white LED light engine** achieves 46,000 lumen (24,000 lumen output) with a 6,500 K color temperature, while an optional high-CRI (>90) light engine produces 34,000 lumen (17,500 lumen output) and a 5,600 K color temperature.

Thanks to meticulous design and development work, Claypaky has been able to produce a high performance LED fixture with a light emission **comparable to a previous generation 1500W fixture (the most powerful available)** but with a power consumption of around **1 kW**.

The beam produced by the Axcor Profile 900 is dense and evenly distributed for the entire length

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of the beam, at any beam angle in its zoom range of **7-40 degrees**, and its CMY color mixing system uses **gradual-insertion dichroic wheels**, supported by a **linear CTO correction device,** to produce perfectly smooth transitions between colors. In addition, a separate color wheel carries six carefully selected professional color filters, including a **custom-designed CRI enhancement filter.**

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The Spot-Profile device produces a perfect projection and achieves the highest quality light beam currently obtainable. The **patented framing system** works on four different focal planes and can generate sharp shapes of different sizes and proportions. The system is not affected by any shaping distortions even at wide beam angles, where significant distortions normally occur.

The Axcor Profile 900 also provides lighting designers with a perfect projection and **an extremely versatile effects package**. Features include 6 interchangeable high-definition rotating gobos, an animation wheel, a four-facet rotating prism, two variable frost options and an iris with multiple built-in macros. The 16-bit electronic dimmer enables smooth transitions, while its completely **flicker-free performance** and l**ow-noise cooling system** makes it ideal for

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television use, as well as for the highest level of live events and concert touring productions.

When exhibited at LDI 2017 in Las Vegas in November, the Axcor Profile 900 was awarded the **Gold Star Product Award for ‘Best New Hard Edge LED Spot’** by US-based lighting and production magazine, PLSN. The Gold Star Awards aim to recognise a product’s quality, innovation and ability to expand the technological boundaries of live event production. The PLSN Awards judges said the Axcor Profile 900 offered more options to the user than all the other luminaires submitted by other manufacturers, and was “the best in its class.”

Claypaky CEO Pio Nahum says, “As our very first LED spot fixture the Axcor Profile 900 sets a new course for Claypaky, and we are proud to say it is the finest LED spot fixture on the market. This is an achievement which underlines our absolute commitment to enhancing the art of lighting and we look forward to seeing what our friends in the lighting design world can achieve with it!”

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